

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Currently amended claims are shown with additions underlined and deletions in ~~strikethrough text~~. No new matter is added by this amendment.

Listing of Claims:

Claims 1-16 (Canceled).

17. (Currently Amended) An apparatus, comprising:

a housing;

a tracking element disposed within said housing, said tracking element configured
~~operable to track a motion of said housing in x-a first direction and a y-second direction different~~
~~from the first directions with respect to a flat surface; and~~

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a movement generator disposed within and coupled to said housing, said
movement generator configured to deliver a tactile sensation in response to a sensory feedback
signal received over a signal channel; and

a resilient material coupled to said housing, said resilient material configured to
deliver the tactile sensation by storing and releasing energy.

18. (Currently Amended) ~~An~~ The apparatus as recited in ~~of~~ claim 17, wherein said
movement generator is capable of generating configured to generate vibrations on said housing
of varying frequency corresponding to different graphical details on a graphical display.

19. (Currently Amended) ~~An~~ The apparatus as recited in ~~of~~ claim 18, wherein said
sensory feedback signal is configured to convey a particular vibration frequency by a coding of
pulse sequences.

20. (Currently Amended) An The apparatus as recited in of claim 17, wherein said movement generator is operable configured to generate said tactile sensation over the entirety of said housing.

21. (Canceled).

22. (Currently Amended) An The apparatus as recited in of claim 17, wherein said housing comprises includes a casing portion and a lower portion, wherein said movement generator is operable being configured to generate a motion in move said casing portion with respect to said lower portion.

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CMT 23. (Currently Amended) An The apparatus as recited in of claim 22, further comprising a wherein said resilient material, said resilient material is disposed within said housing between said casing portion and said lower portion.

24. (Currently Amended) An The apparatus as recited in of claim 17, wherein said movement generator comprises includes an electromagnetic actuator.

25. (Currently Amended) An The apparatus as recited in of claim 17, wherein said movement generator is further operable configured to deliver said the tactile sensation in response to a movement corresponding based on an interaction with graphical details on a graphical display, wherein at least one of said the graphical details is being a border of a window.

26. (Currently Amended) An The apparatus as recited in of claim 17, wherein said movement generator is further operable configured to deliver said the tactile sensation in response to a movement corresponding based on an interaction with graphical details on a graphical display, wherein at least one of said the graphical details is being an icon.

27. (Currently Amended) An The apparatus as recited in claim 17, wherein said movement the motion of said housing comprises includes a vibration of said housing, and wherein different graphical details of a graphical display correspond corresponding to different vibration frequencies of the vibration.

28. (Currently Amended) An The apparatus as recited in claim 17, wherein said movement generator is operable configured to generate a motion of said housing by impacting said housing with a moving portion of said movement generator.

29. (Currently Amended) An The apparatus as recited in claim 28, wherein said movement generator is configured to impact said housing at a location underneath a top surface of said housing.

30. (Currently Amended) An apparatus, comprising:

a housing comprising including a lower portion and an upper portion, said lower portion designed to move movable over a substantially flat surface;

a tracking element disposed within said housing, said tracking element configured to track for tracking motion movement of said housing with respect to said the substantially flat surface; and

a movement generator disposed within and coupled to said housing, said movement generator configured to generate motion of said housing with respect to said flat surface, and further configured to deliver output a tactile sensation through said housing in response to a sensory feedback signal received over a signal channel; and

a resilient material coupled to said housing, said resilient material configured to enable the output of the tactile sensation by storing and releasing energy.

31. (Currently Amended) An The apparatus as recited in of claim 30, wherein said movement generator is capable of generating configured to output bump sensations of varying magnitude corresponding to different graphical details on a graphical display.

32. (Currently Amended) An The apparatus as recited in of claim 30, wherein said movement generator is capable of generating vibrations on configured to vibrate said housing ~~of~~ at varying frequency frequencies corresponding to different graphical details on a graphical display.

33. (Currently Amended) An The apparatus as recited in of claim 30, wherein said motion of said housing comprises the tactile sensation includes a vibration of said housing, and wherein said the sensory feedback signal is being configured to convey a particular vibration frequency by based on a coding of pulse sequences.

34. (Canceled).

35. (Currently Amended) An The apparatus as recited in of claim 3031, further comprising a resilient material, wherein said resilient material is configured to enable said bump sensation by storing and releasing energy.

36. (Currently Amended) An The apparatus as recited in of claim 30, wherein said movement generator is operable configured to generate said motion in move an upper portion of said housing with respect to a lower portion of said housing.

37. (Currently Amended) An The apparatus as recited in of claim 36, further comprising a resilient element, said wherein the resilient element is disposed within said housing between said upper portion and said lower portion.

38. (Currently Amended) An The apparatus as recited in claim 30, wherein said movement generator comprises includes an electromagnetic actuator.

39. (Currently Amended) An The apparatus as recited in claim 30, wherein said movement generator is configured to activate in response to movement corresponding based on a simulated interaction with graphical details on a graphical display, wherein at least one of said the graphical details is being a border of a window.

40. (Currently Amended) An The apparatus as recited in claim 30, wherein said movement generator is configured to activate in response to movement corresponding based on a simulated interaction of a cursor with graphical details on a graphical display, wherein at least one of said the graphical details is being an icon.

41. (Currently Amended) An The apparatus as recited in claim 30, wherein said motion of said housing comprises tactile sensation includes a vibration of said housing and wherein different graphical details correspond to different vibration frequencies.

42. (Currently Amended) A computer mouse device as recited in The apparatus of claim 30, wherein said movement generator is configured to generate motion of an upper portion of said housing by impacting said upper portion with a moving portion of said movement generator.

43. (Currently Amended) A method, for providing tactile feedback comprising:
receiving on-at a mouse device a sensory feedback signal; and
generating a movement of a casing portion of said mouse device with respect to a bottom portion of said mouse device in response to said received sensory feedback signal; said

easing portion including a top surface of a housing of said mouse device, said movement delivering a tactile sensation to said housing.

44. (Currently Amended) A-The method as recited in-of claim 43, wherein generating thea movement generator is configured to includes generate generating vibrations of varying frequency, each frequency corresponding to a different graphical details-detail on a graphical display.

45. (Currently Amended) A-The method as recited in-of claim 44, wherein said-the sensory feedback signal is operative to conveys-output a particular vibration frequency by a coding of pulse sequences.

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46. (Currently Amended) A-The method as recited in-of claim 43, wherein said-the movement of said-the casing portion is generated by a movement generator including electromagnets.

47. (Currently Amended) A-The method as recited in-of claim 4346, wherein said-the movement generator is configured to activate in response to movement corresponding-based on a simulated interaction with graphical details on a graphical display, wherein at least one of said the graphical details is-being a border of a window.

48. (Currently Amended) A-The method as recited in-of claim 4346, wherein said-the movement generator is configured to activate in response to movement corresponding-based on a simulated interaction with graphical details on a graphical display, wherein at least one of said the graphical details is-being an icon.

49. (Currently Amended) A The method as recited in of claim 43, wherein said motion the movement of said the casing portion comprises includes a vibration of said the casing portion and wherein different graphical details correspond to different vibration frequencies.

50. (Currently Amended) A The method as recited in of claim 43, wherein a movement generator is configured to generates generate the movement of said the casing portion by impacting said the casing portion with a moving portion of said the movement generator.

51. (Currently Amended) A The method as recited in of claim 50, wherein said the movement generator impacts said the casing portion at a location underneath said palm of said user when said palm contacts said an upper surface of the casing portion.

52. (Currently Amended) A The method as recited in of claim 43, wherein said the movement of said the casing portion includes a slanting of said the casing portion in one-a direction with respect to said the bottom portion.

53. (Currently Amended) A The method as recited in of claim 43, further comprising:
limiting a movement of said a cursor to within a border of a graphical detail on a graphical display; and

releasing said cursor from within the border when said the casing portion is pressed down depressed with respect to said bottom portion.

54. (Currently Amended) A computer mouse device as recited in The apparatus of claim 22, wherein said movement of said casing portion includes a slanting of said the casing portion in one-a direction with respect to said lower portion.